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ATTORNEY DOCKET NO. 10011298-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Andrew Caminschi

Serial No.: 10/001,581

Examiner: A.K. Moorthy

Filing Date: October 31, 2001

Group Art Unit: 2131

Title: SYSTEM AND METHOD FOR SECURE DOWNLOAD OF WAVEFORMS TO SIGNAL GENERATORS

COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria VA 22313-1450

TRANSMITTAL OF APPEAL BRIEF

Sir:

Transmitted herewith is the Appeal Brief in this application with respect to the Notice of Appeal filed on May 23, 2007

The fee for filing this Appeal Brief is (37 CFR 1.17(c)) **$500.00**.

(complete (a) or (b) as applicable)

The proceedings herein are for a patent application and the provisions of 37 CFR 1.136(a) apply.

☐ (a) Applicant petitions for an extension of time under 37 CFR 1.136 (fees: 37 CFR 1.17(a)(1)-(5)) for the total number of months checked below:

☐	one month	$ 120.00
☐	two months	$ 450.00
☐	three months	$1020.00
☐	four months	$1590.00

☐ The extension fee has already been filled in this application.

☒ (b) Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition and fee for extension of time.
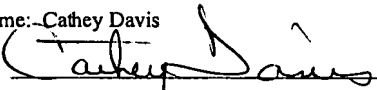
Please charge to Deposit Account 50-1078 the sum of $500.00___. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **50-1078** pursuant to 37 CFR 1.25.

A duplicate copy of this transmittal letter is enclosed.

(X) I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 255977330 US, in an envelope addressed to: MS Appeal Brief, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Date of Deposit: July 20, 2007

Typed Name: Cathey Davis

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Respectfully submitted,
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Attorney Docket No.: 10011298-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Andrew Caminschi

Application No.: 10/001,581

Confirmation No.: 1909

Filed: October 31, 2001

Art Unit: 2131

For: SYSTEM AND METHOD FOR SECURE
DOWNLOAD OF WAVEFORMS TO SIGNAL
GENERATORS

Examiner: A. K. Moorthy

APPEAL BRIEF

MS Appeal Brief - Patents
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

As required under § 41.37(a), this brief is filed within two months of the Notice of Appeal filed in this case on May 23, 2007, and is in furtherance of said Notice of Appeal.

The fees required under § 41.20(b)(2) are dealt with in the accompanying TRANSMITTAL OF APPEAL BRIEF.

This brief contains items under the following headings as required by 37 C.F.R. § 41.37 and M.P.E.P. § 1205.2:

I.	Real Party In Interest
II	Related Appeals and Interferences
III.	Status of Claims
IV.	Status of Amendments
V.	Summary of Claimed Subject Matter
VI.	Grounds of Rejection to be Reviewed on Appeal
VII.	Argument
VIII.	Claims Appendix
IX.	Evidence Appendix

I. REAL PARTY IN INTEREST

The real party in interest for this appeal is:

Agilent Technologies, Inc.

II. RELATED APPEALS AND INTERFERENCES

There are no other appeals, interferences, or judicial proceedings which will directly affect or be directly affected by or have a bearing on the Board's decision in this appeal.

III. STATUS OF CLAIMS

A.   Total Number of Claims in Application

There are 28 claims pending in application.

B.   Current Status of Claims

    1.   Claims canceled: None

    2.   Claims withdrawn from consideration but not canceled: None

    3.   Claims pending: 1-28

    4.   Claims allowed: None

    5.   Claims rejected: 1 - 28

C.   Claims On Appeal

The claims on appeal are claims 1-28

IV. STATUS OF AMENDMENTS

Appellant filed a Response After Final Rejection on March 27, 2007, which did not amend the claims.

V.   SUMMARY OF CLAIMED SUBJECT MATTER

The following provides a concise explanation of the subject matter defined in each of the separately argued claims involved in the Appeal as required by 37 C.F.R. § 41.37(c)(1)(v). The features are identified by corresponding references to the specification and drawings where applicable. It should be noted that the citations to passages in the specification and drawings for each feature do not imply that the limitations from the specification and drawings should be read into the corresponding claim element. Rather, this summary is provided for the convenience of the Board.

Embodiments of the invention according to claim 1 provide a waveform customization method for a signal generator (e.g., signal generator 170 in Figs. 5 and 7-11; Spec. p.2, ll. 7-17), comprising: retrieving (Spec. p.8, ll. 1-13) a waveform (Spec. p.2, ll. 7-17) and at least one code (e.g. code 125, Figs. 2-3 and 5; Spec. p.8, ll. 8-13; p.9, ll. 6-16; and p.11, ll. 3-12) associated with said waveform from a storage media (e.g. memory 130, Spec. p.8, ll. 1-7); retrieving (e.g., step 640, Fig. 6, Spec. p.11, l. 19 to p.12, l. 2; and Spec. p.11, ll. 3-12) at least one key (e.g. keys 165, Spec. p.3, ll. 9-16) associated with said signal generator; comparing (e.g. step 650, Fig. 6, Spec. p.11, l. 19 to p.12, l. 2; and Spec. p.11, ll. 3-12) said at least one code associated with said waveform and said at least one key; and downloading (Spec. p.11, ll. 3-12) said waveform to said signal generator under condition (e.g. step 650, Fig. 6, Spec. p.11, l. 19 to p.12, l. 2; and Spec. p.11, ll. 3-12) that said at least one code matches said at least one key.

Embodiments of the invention according to claim 2 provide the method of claim 1, further comprising: bundling (e.g., logic 124, Fig. 2, Spec. p.9, ll. 6-16; and step 450, Fig. 4, Spec. p.10, ll, 4-8) said waveform and said at least one code associated with said waveform into a file; and storing (e.g., step 470, Fig. 4, Spec. p.10, ll, 4-8) said file containing said waveform and said at least one code associated with said waveform in said storage media.

Embodiments of the invention according to claim 3 provide the method of claim 2, further comprising: providing (e.g., step 410, Fig. 4, Spec. p.9, l. 17 to p.10, l. 3) one or more parameters that characterize said waveform; and creating (e.g., step 420, Fig. 4, Spec. p.9, l. 17 to p.10, l. 3) said waveform based on said one or more parameters.

Embodiments of the invention according to claim 4 provide the method of claim 3, further comprising: providing (e.g., step 410, Fig. 4, Spec. p.9, l. 17 to p.10, l. 3) one or more signal generator settings; bundling (e.g., logic 124, Fig. 2, Spec. p.9, ll. 6-16; and step 450, Fig. 4, Spec. p.10, ll, 4-8) said one or more signal generator settings with said waveform and said at least one code; and configuring (Spec., p.11, ll. 3-12) said signal generator using said one more signal generator settings.

Embodiments of the invention according to claim 5 provide the method of claim 4, wherein said steps of providing further comprises: entering (Spec. p.8, l. 14 to p.9, l. 5) at least one of said one or more parameters and said one or more signal generator settings by a user into a computer (e.g., computer 100, Figs. 1 and 7-8, Spec. p7, ll. 4-14, Spec. p.12, ll. 3-15) that creates said waveform.

Embodiments of the invention according to claim 13 provide a system customizing at least one waveform (Spec. p.2, ll. 7-17) of a signal generator (e.g., signal generator 170 in Figs. 5 and 7-11; Spec. p.2, ll. 7-17), comprising: a storage media (e.g. memory 130, Spec. p.8, ll. 1-7) adapted to store a waveform and at least one code (e.g. code 125, Figs. 2-3 and 5; Spec. p.8, ll. 8-13; p.9, ll. 6-16; and p.11, ll. 3-12) associated with said waveform; and a download application (e.g., download application 150, Figs. 1, 5, 7-11; Spec. p.7, l.15 to p.8, l. 7; Spec. p.10, l.9 to p.11, l. 12; Spec. p.12, ll. 3-15) configured to retrieve (e.g., step 640, Fig. 6, Spec. p.11, l. 19 to p.12, l. 2; and Spec. p.11, ll. 3-12) said waveform and at least one key (e.g. keys 165, Spec. p.3, ll. 9-16) associated with said signal generator, compare (e.g. step 650, Fig. 6, Spec. p.11, l. 19 to p.12, l. 2; and Spec. p.11, ll. 3-12) said at least one code associated with said waveform and said at least one key and download (Spec. p.11, ll. 3-12) said waveform to said signal generator under condition (e.g. step 650, Fig. 6, Spec. p.11, l. 19 to p.12, l. 2; and Spec. p.11, ll. 3-12) that said at least one code matches said at least one key.

Embodiments of the invention according to claim 14 provide the system of claim 13, further comprising: a signal generation application (e.g., signal generation application 120, Fig. 1-2, Spec. p.7, l.4 to p.9, l.16) configured to bundle (e.g., logic 124, Fig. 2, Spec. p.9, ll. 6-16; and step 450, Fig. 4, Spec. p.10, ll, 4-8) said waveform and said at least one code associated with said waveform into a file and store said file in said storage media.

Embodiments of the invention according to claim 16 provide the system of claim 14, wherein said signal generation application is further configured to receive as input (e.g., step 410, Fig. 4, Spec. p.9, l. 17 to p.10, l. 3) one or more parameters that characterize said waveform and create (e.g., step 420, Fig. 4, Spec. p.9, l. 17 to p.10, l. 3) said waveform based on said one or more parameters.

Embodiments of the invention according to claim 17 provide the system of claim 16, wherein said signal generation application is further configured to provide (e.g., step 410, Fig. 4, Spec. p.9, l. 17 to p.10, l. 3) one or more signal generator settings and bundle (e.g., logic 124, Fig. 2, Spec. p.9, ll. 6-16; and step 450, Fig. 4, Spec. p.10, ll, 4-8) said one or more signal generator settings with said waveform and said at least one code, said download application being further configured (Spec., p.11, ll. 3-12) to use said one or more signal generator settings to configure said signal generator.

Embodiments of the invention according to claim 18 provide the method of claim 17, further comprising: a computer (e.g., computer 100, Figs. 1 and 7-8, Spec. p7, ll. 4-14, Spec. p.12, ll. 3-15) having at least said signal generation application therein, said signal generation application further having an interface capable of receiving (Spec. p.8, l. 14 to p.9, l. 5) at least one of said one or more parameters and said one or more signal generator settings from a user of said computer.

Embodiments of the invention according to claim 19 provide the system of claim 18, wherein said one or more signal generator settings are pre-configured (Spec. p.8, l.14 to p.9, l.5) and stored (Spec. p.9, ll. 6-16) on said computer.

Embodiments of the invention according to claim 26 provide a system customizing at least one waveform of a signal generator, comprising: a storage media (e.g. memory 130, Spec. p.8, ll. 1-7) adapted to store a waveform and at least one code (e.g. code 125, Figs. 2-3 and 5; Spec. p.8, ll. 8-13; p.9, ll. 6-16; and p.11, ll. 3-12) associated with said waveform; and a download application (e.g., download application 150, Figs. 1, 5, 7-11; Spec. p.7, l.15 to p.8, l. 7; Spec. p.10, l.9 to p.11, l. 12; Spec. p.12, ll. 3-15) configured to retrieve (e.g., step 640, Fig. 6, Spec. p.11, l. 19 to p.12, l. 2; and Spec. p.11, ll. 3-12) said waveform and at least one key (e.g. keys 165, Spec. p.3, ll. 9-16) associated with said signal generator, compare

(e.g. step 650, Fig. 6, Spec. p.11, l. 19 to p.12, l. 2; and Spec. p.11, ll. 3-12) said at least one code associated with said waveform and said at least one key and download (Spec. p.11, ll. 3-12) said waveform to said signal generator under condition (e.g. step 650, Fig. 6, Spec. p.11, l. 19 to p.12, l. 2; and Spec. p.11, ll. 3-12) that said at least one code matches said at least one key; and an automatic test equipment system (Spec. p.12, ll. 3-15) adapted to request (*id.*) said download application to download (*id.*) said waveform to said signal generator.

VI.   GROUNDS OF REJECTION TO BE REVIEWED ON APPEAL

Claims 1-8 and 13-24 stand rejected under 35 U.S.C. 102(e) as over U.S. Patent No. 7,031,946 (hereinafter *Tamai*).

Claims 9 and 25 stand rejected under 35 U.S.C. 103(a) over *Tamai* in view of U.S. Patent No. 6,560,285 (hereinafter, *Reitmeier*)

Claims 10-12 stand rejected under 35 U.S.C. 103(a) over *Tamai* in view of U.S. Patent No. 5,963,566 (hereinafter, *Rajsuman*).

Claims 26-28 stand rejected under 35 U.S.C. 103(a) over *Tamai* in view of *Rajsuman*.

VII.   ARGUMENT

A.   First ground of rejection, under 35 U.S.C. 102(e) over *Tamai*

It is well settled that a claim is anticipated only if each and every element as set forth in the claim is found in a single prior art reference. *Verdegaal Bros. v. Union Oil Co. of California*, 814 F.2d 628, 631, 2 USPQ2d 1051, 1053 (Fed. Cir. 1987). Appellant hereby traverses the rejection.

1.   Independent claim 1

Claim 1 recites "retrieving a waveform and at least one code associated with said waveform from a storage media." The cited art does not meet these limitations because, as Appellant has previously discussed, *Tamai* fails to teach "retrieving a waveform ... from a storage media." *See* Response dated Oct. 27, 2006, pp. 2-3; *and see* Response dated Mar. 27, 2007, p.3. The FOA apparently asserts *Tamai* column 15, lines 4-11 and 13-18 teach these limitations. *See* FOA p.2 (quoting without acknowledgement or explanation to the language

of *Tamai* col. 15, ll. 13-18, i.e. "the instruction generating unit 104 ... the modulating/demodulating unit 111") and p.3 (citing without explanation to *Tamai* col. 15, ll. 4-11). The FOA is apparently interpreting *Tamai's* generated pulse signal wave as a waveform being retrieved. Appellant respectfully disagrees and points out that *Tamai* clearly states "instruction generating unit 104 generates a pulse signal wave." *E.g., Tamai* col. 15, ll. 8-9. Hence, while *Tamai* teaches generating a pulse wave signal, it is silent to retrieving a pulse signal wave from storage media. Hence, *Tamai* fails to teach "retrieving a waveform ... from a storage media."

Claim 1 also recites "retrieving at least one key associated with said signal generator." The cited art does not meet these limitations because, as previously shown by Appellant, *Tamai* fails to teach a "key associated with said signal generator." Response dated Oct. 27, 2006, pp. 3-4. The FOA is apparently interpreting *Tamai's* area key as meeting the claim's "at least one key associated with said signal generator." FOA p.3 (citing without explanation to *Tamai* col. 15, ll. 56-63). Appellant respectfully disagrees and points out that *Tamai's* area keys are associated with various areas of memory unit 216 of radio IC tag 80, wherein such areas of memory unit 216 further correspond to various stages of a product's life cycle (e.g., manufacture, distribution, sale, service, collection/recycling). *See Tamai* col. 18, ll. 8-46, in conjunction with Fig. 17. Hence, while *Tamai* teaches area keys associated with portions of memory unit 216 of radio IC tag 80, *Tamai* fails to teach that the area keys are associated with any form of "signal generator" as set forth in the claim. Hence, *Tamai* fails to teach a "key associated with said signal generator."

Claim 1 also recites "comparing said at least one code associated with said waveform and said at least one key." The FOA is apparently asserting that *Tamai* column 15, lines 26-43 and/or column 21, lines 30-42 meets these limitations. *See* FOA p.2 (quoting without acknowledgement or explanation to the language of *Tamai* col. 21, ll. 30-42, i.e. "[t]he comparator 235 ... or collection/recycle stage area, respectively") and p.4 (citing without explanation to *Tamai* col. 15, ll. 26-43). The FOA appears to interpret *Tamai's* identification code as meeting the claim's "said at least one code associated with said waveform." *Id.* Further, as discussed above, the FOA also appears to interpret *Tamai's* area key as meeting the claim's "said at least one key." Even if, *arguendo*, such interpretations were correct, the cited art still fails these limitations because *Tamai* fails to teach comparing an identification

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code with an area key. *Tamai* column 15, lines 26-43 teaches generating a pulse signal wave based on an identification code, yet is silent to any form of comparison; and *Tamai* column 21, lines 30-42 teaches matching encrypted random numbers, yet is silent to comparing an identification code with an area key. Appellant is unable to find any aspect of the cited portions of *Tamai* teaching comparing an identification code with an area key. Hence, *Tamai* fails to teach "comparing said at least one code associated with said waveform and said at least one key."

Claim 1 also recites "downloading said waveform to said signal generator under condition that said at least one code matches said at least one key." The cited art does not meet at least these limitations because *Tamai* fails to teach "downloading said waveform to said signal generator." The FOA apparently asserts that *Tamai* column 15, lines 26-43 and/or column 21, lines 30-42 meets these limitations. *See* FOA p.2 (quoting without acknowledgement or explanation to the language of *Tamai* col. 21, ll. 30-42, i.e. "[t]he comparator 235 ... or collection/recycle stage area, respectively") and p.4 (citing without explanation to *Tamai* col. 15, ll. 26-43). *Tamai* column 15, lines 26-43 teaches generating a pulse signal wave based on an identification code, yet is silent to any form of downloading; and *Tamai* column 21, lines 30-42 teaches matching encrypted random numbers, yet is also silent to any form of downloading. Appellant is unable to find any aspect of the cited portions of *Tamai* teaching downloading a waveform. Hence, *Tamai* fails to teach "downloading said waveform to said signal generator."

Thus, the cited art does not teach every element as set forth in the claim. Therefore, Appellant respectfully requests the reversal of the rejection.

Claim 8 depends from and inherits all the limitations of claim 1. As discussed above, the cited art does not anticipate claim 1. Thus, the cited art does not anticipate claim 8. Therefore, Appellant respectfully requests reversal of the rejection.

2.   Dependent claim 2

Claim 2 recites "bundling said waveform and said at least one code associated with said waveform into a file." The cited art does not meet at least these limitations because *Tamai* fails to teach "bundling ... into a file." The FOA apparently asserts that *Tamai*

column 17, lines 50-63 teaches these limitations. *See* FOA p.4 (citing without explanation to *Tamai* col. 17, ll. 50-63). Appellant respectfully points out that *Tamai* column 17, lines 50-63 teaches the details of memory unit 216 yet is silent any bundling of *Tamai's* pulse signal wave and identification code into any form of a file. Thus, *Tamai* fails to teach "bundling ... into a file."

Claim 2 also recites "storing said file containing said waveform and said at least one code associated with said waveform in said storage media." The cited art does not meet at least these limitations because *Tamai* fails to teach "storing said file containing said waveform ... in said storage media." The FOA apparently asserts that *Tamai* column 17, lines 50-63 teaches these limitations. *See* FOA p.4 (citing without explanation to *Tamai* col. 17, ll. 50-63). Appellant respectfully points out that *Tamai* column 17, lines 50-63 teaches the details of memory unit 216 and is silent to any storing of any form of file to memory unit 216. Further, Appellant respectfully points out that *Tamai* teaches memory unit 216 of radio IC tag 80 comprises memory areas 311-325 for corresponding to various stages of a product's life cycle (e.g., manufacture, distribution, sale, service, collection/recycling), yet is silent to any form of waveform. *See Tamai* col. 17, l. 50 to col. 18, l. 46, and Fig. 17. Appellant can find no aspect of the cited portions of *Tamai* teaching storing any form of file containing any form of waveform to memory unit 216. Thus, *Tamai* fails to teach "storing said file containing said waveform ... in said storage media."

Hence, the cited art does not teach every element as set forth in the claim. Therefore, Appellant respectfully requests the reversal of the rejection.

Claim 7 depends from and inherits all the limitations of claim 2. As discussed above, the cited art does not anticipate claim 2. Thus, the cited art does not anticipate claim 7. Therefore, Appellant respectfully requests reversal of the rejection.

3.   Dependent claim 3

Claim 3 recites "providing one or more parameters that characterize said waveform; and creating said waveform based on said one or more parameters." The cited art does not meet at least these limitations because *Tamai* fails to teach "creating said waveform based on said one or more parameters." The FOA apparently asserts that *Tamai* column 16, line 64 to

column 17 line 2 teaches these limitations. *See* FOA p.4 (citing without explanation to *Tamai* col. 16, l. 64 to col. 17, l. 2). The cited portion of *Tamai* states "modulating/demodulating unit 111 also receives a power signal from the antenna unit 112, and selects a signal having a frequency of 2.45 GHz from the power signal." *Id.* Even if, *arguendo, Tamai's* power signal were interpreted as meeting the claim's "one or more parameters," *Tamai* merely teaches selecting a signal, yet is silent to creating a signal based on the power signal. Thus, *Tamai* fails to teach "creating said waveform based on said one or more parameters." Therefore, Appellant respectfully requests the reversal of the rejection.

4. Dependent claim 4

Claim 4 recites "bundling said one or more signal generator settings with said waveform and said at least one code." The cited art fails to teach these limitations. The FOA apparently asserts that *Tamai* column 13, lines 25-31 teaches these limitations. *See* FOA p.4 (citing without explanation to *Tamai* col. 13, ll. 25-31). The cited portion of *Tamai* states "controlling unit 102 then outputs the received identification code and an identification code response instruction for transmitting the identification code, to the instruction generating unit 104 at the selected channel in the identification code response period." Even if, *arguendo, Tamai's* selected channel were interpreted as meeting the claim's "one or more signal generator settings," *Tamai* is silent to bundling the channel with the identification code. Thus, *Tamai* fails to teach "bundling said one or more signal generator settings with said waveform and said at least one code." Therefore, Appellant respectfully requests the reversal of the rejection.

5. Dependent claim 5

Claim 5 recites "entering at least one of said one or more parameters and said one or more signal generator settings by a user into a computer that creates said waveform." The cited art does not meet these limitations for at least two reasons. First, *Tamai* fails to teach "entering at least one of said one or more parameters and said one or more signal generator settings by a user." The FOA apparently asserts that *Tamai* column 13, lines 25-31 teaches these limitations. *See* FOA p.5 (citing without explanation to *Tamai* col. 13, ll. 25-31). The cited portion of *Tamai* states "controlling unit 102 then outputs the received identification code and an identification code response instruction for transmitting the identification code, to the instruction generating unit 104 at the selected channel in the identification code

response period." Even if, *arguendo*, *Tamai's* selected channel were interpreted as meeting the claim's "one or more signal generator settings," *Tamai* is silent to entering the channel by a user. Thus, *Tamai* fails to teach "entering at least one of said one or more parameters and said one or more signal generator settings by a user."

Second, *Tamai* fails to teach "entering ... parameters and ... settings ... into a computer that creates said waveform." The FOA apparently asserts that *Tamai* column 13, lines 25-31 teaches these limitations. *See* FOA p.5 (citing without explanation to *Tamai* col. 13, ll. 25-31). Appellant respectfully points out the cited portion of *Tamai* states describes controlling unit 102, which is a part of a reader/writer (e.g., *Tamai* elements 30a, 30b, and 30d), wherein a reader/writer is connected to a computer (e.g., *Tamai* elements 40a, 40b, and 40d). *See Tamai* Figs. 6-7 and 9, and col. 11, ll. 34-40. Thus, even if, *arguendo*, controlling unit 102 entered parameters, *Tamai* still fails to teach entering such parameters into a computer because controlling unit 102 is a part of a reader/writer (e.g., *Tamai* elements 30a, 30b, and 30d) and not a computer (e.g., *Tamai* elements 40a, 40b, and 40d). Furthermore, *Tamai's* reader/writer creates the pulse signal, but not *Tamai's* computer. Thus, *Tamai* fails to teach "entering ... parameters and ... settings ... into a computer that creates said waveform."

Hence, the cited art does not teach every element as set forth in the claim. Therefore, Appellant respectfully requests the reversal of the rejection.

Claim 6 depends from and inherits all the limitations of claim 5. As discussed above, the cited art does not anticipate claim 5. Thus, the cited art does not anticipate claim 6. Therefore, Appellant respectfully requests reversal of the rejection.

6.   Independent claim 13

Claim 13 recites "a storage media adapted to store a waveform and at least one code associated with said waveform." The cited art does not meet these limitations because *Tamai* fails to teach "a storage media adapted to store a waveform." The FOA apparently asserts *Tamai* column 15, lines 4-11 and 13-18 teach these limitations. *See* FOA p.2 (quoting without acknowledgement or explanation to the language of *Tamai* col. 15, ll. 13-18, i.e. "the instruction generating unit 104 ... the modulating/demodulating unit 111") and p.6 (citing

without explanation to *Tamai* col. 15, ll. 4-11). The FOA is apparently interpreting *Tamai's* generated pulse signal wave as a waveform being retrieved. Appellant respectfully disagrees and points out that *Tamai* clearly states "instruction generating unit 104 generates a pulse signal wave." *E.g., Tamai* col. 15, ll. 8-9. Thus, while *Tamai* teaches generating a pulse wave signal, it is silent to any form of storage media adapted to store such a pulse signal wave. Hence, *Tamai* fails to teach "a storage media adapted to store a waveform."

Claim 13 recites "a download application configured to retrieve said waveform and at least one key associated with said signal generator." The cited art does not meet these limitations for at least two reasons. First, *Tamai* fails to teach "a download application configured to retrieve said waveform." The FOA apparently asserts that *Tamai* column 15, lines 26-43 and/or column 21, lines 30-42 meets these limitations. *See* FOA p.2 (quoting without acknowledgement or explanation to the language of *Tamai* col. 21, ll. 30-42, i.e. "[t]he comparator 235 … or collection/recycle stage area, respectively") and p.6 (citing without explanation to *Tamai* col. 15, ll. 26-43). *Tamai* column 15, lines 26-43 teaches generating a pulse signal wave based on an identification code, yet is silent to any form of retrieving a pulse signal wave; and *Tamai* column 21, lines 30-42 teaches matching encrypted random numbers, yet is also silent to any form of retrieving a pulse signal wave. Appellant is unable to find any aspect of the cited portions of *Tamai* teaching retrieving a pulse signal wave. Hence, *Tamai* fails to teach "a download application configured to retrieve said waveform."

Second, the cited art does not meet these limitations because *Tamai* fails to teach a "key associated with said signal generator." The FOA cites to *Tamai* column 15, lines 26-43 as teaching these limitations. FOA p.6 (citing without explanation to *Tamai* col. 15, ll. 26-43). Appellant respectfully points out that *Tamai* column 15, lines 26-43 teaches basing the generation of a pulse signal wave on an authenticator response instruction, an identification code, an encrypted random number, and access information, yet is silent to any form of key. *Tamai's* does teach area keys associated with various areas of memory unit 216 of radio IC tag 80, wherein such areas of memory unit 216 further correspond to various stages of a product's life cycle (e.g., manufacture, distribution, sale, service, collection/recycling). *See Tamai* col. 18, ll. 8-46, in conjunction with Fig. 17. However, while *Tamai* teaches area keys associated with portions of memory unit 216 of radio IC tag 80, *Tamai* fails to teach that the

area keys are associated with any form of "signal generator" as set forth in the claim. Hence, *Tamai* fails to teach a "key associated with said signal generator."

Claim 13 also recites "a download application configured to … compare said at least one code associated with said waveform and said at least one key." The FOA is apparently asserting that *Tamai* column 15, lines 26-43 and/or column 21, lines 30-42 meets these limitations. *See* FOA p.2 (quoting without acknowledgement or explanation to the language of *Tamai* col. 21, ll. 30-42, i.e. "[t]he comparator 235 … or collection/recycle stage area, respectively") and p.6 (citing without explanation to *Tamai* col. 15, ll. 26-43). The FOA appears to interpret *Tamai's* identification code as meeting the claim's "said at least one code associated with said waveform." *Id.* Even if, *arguendo*, such an interpretation was correct and even *Tamai*'s area keys were interpreted as meeting the claim's "at least one key," the cited art still fails these limitations because *Tamai* fails to teach comparing an identification code with an area key. *Tamai* column 15, lines 26-43 teaches generating a pulse signal wave based on an identification code, yet is silent to any form of comparison; and *Tamai* column 21, lines 30-42 teaches matching encrypted random numbers, yet is silent to comparing an identification code with an area key. Appellant is unable to find any aspect of the cited portions of *Tamai* teaching comparing an identification code with an area key. Hence, *Tamai* fails to teach to "compare said at least one code associated with said waveform and said at least one key."

Claim 13 also recites "a download application configured to … download said waveform to said signal generator under condition that said at least one code matches said at least one key." The cited art does not meet at least these limitations because *Tamai* fails to teach to "download said waveform to said signal generator." The FOA apparently asserts that *Tamai* column 15, lines 26-43 and/or column 21, lines 30-42 meets these limitations. *See* FOA p.2 (quoting without acknowledgement or explanation to the language of *Tamai* col. 21, ll. 30-42, i.e. "[t]he comparator 235 … or collection/recycle stage area, respectively") and p.6 (citing without explanation to *Tamai* col. 15, ll. 26-43). *Tamai* column 15, lines 26-43 teaches generating a pulse signal wave based on an identification code, yet is silent to any form of downloading; and *Tamai* column 21, lines 30-42 teaches matching encrypted random numbers, yet is also silent to any form of downloading. Appellant is unable to find any

aspect of the cited portions of *Tamai* teaching downloading a waveform. Hence, *Tamai* fails to teach to "download said waveform to said signal generator."

Thus, the cited art does not teach every element as set forth in the claim. Therefore, Appellant respectfully requests the reversal of the rejection.

7. Dependent claim 14

Claim 14 recites "a signal generation application configured to bundle said waveform and said at least one code associated with said waveform into a file and store said file in said storage media." The cited art does not meet these limitations for at least three reasons. First, *Tamai* fails to teach "a signal generation application." Appellant respectfully points out that *Tamai* column 17, lines 50-63 teaches the details of memory unit 216 and is not germane to any form of signal generation application. Further, Appellant can find no aspect of the cited portions of *Tamai* teaching any form of signal generation application. Thus, *Tamai* fails to teach "a signal generation application."

Second, *Tamai* fails to teach "to bundle said waveform and said at least one code associated with said waveform into a file." The FOA apparently asserts that *Tamai* column 17, lines 50-63 teaches these limitations. *See* FOA p.4 (citing without explanation to *Tamai* col. 17, ll. 50-63). Appellant respectfully points out that *Tamai* column 17, lines 50-63 teaches the details of memory unit 216 yet is silent any bundling of *Tamai's* pulse signal wave and identification code into any form of a file. Appellant can find no aspect of the cited portions of *Tamai* teaching bundling a pulse signal wave and identification code into any form of a file. Thus, *Tamai* fails to teach "bundling ... into a file."

Third, *Tamai* fails to teach to "store said file in said storage media." The FOA apparently asserts that *Tamai* column 17, lines 50-63 teaches these limitations. *See* FOA p.4 (citing without explanation to *Tamai* col. 17, ll. 50-63). Appellant respectfully points out that *Tamai* column 17, lines 50-63 teaches the details of memory unit 216 and is silent to any storing of any form of file to memory unit 216. Further, Appellant respectfully points out that *Tamai* teaches memory unit 216 of radio IC tag 80 comprises memory areas 311-325 for corresponding to various stages of a product's life cycle (e.g., manufacture, distribution, sale, service, collection/recycling), yet is silent to any form of waveform. *See Tamai* col. 17, l. 50

to col. 18, l. 46, and Fig. 17. Appellant can find no aspect of the cited portions of *Tamai* teaching storing any form of file containing any form of waveform to memory unit 216. Thus, *Tamai* fails to teach "storing said file containing said waveform … in said storage media."

Hence, the cited art does not teach every element as set forth in the claim. Therefore, Appellant respectfully requests the reversal of the rejection.

8.   Dependent claim 16

Claim 16 recites "to receive as input one or more parameters that characterize said waveform and create said waveform based on said one or more parameters." The cited art does not meet at least these limitations because *Tamai* fails to teach to "create said waveform based on said one or more parameters." The FOA apparently asserts that *Tamai* column 16, line 64 to column 17 line 2 teaches these limitations. *See* FOA p.6 (citing without explanation to *Tamai* col. 16, l. 64 to col. 17, l. 2). The cited portion of *Tamai* states "modulating/demodulating unit 111 also receives a power signal from the antenna unit 112, and selects a signal having a frequency of 2.45 GHz from the power signal." *Id.* Even if, *arguendo, Tamai's* power signal were interpreted as meeting the claim's "one or more parameters," *Tamai* merely teaches selecting a signal, yet is silent to creating a signal based on the power signal. Thus, *Tamai* fails to teach to "create said waveform based on said one or more parameters."

9.   Dependent claim 17

Claim 17 recites to "bundle said one or more signal generator settings with said waveform and said at least one code." The cited art fails to teach these limitations. The FOA apparently asserts that *Tamai* column 16, line 64 to column 17 line 2 teaches these limitations. *See* FOA p.6 (citing without explanation to *Tamai* col. 16, l. 64 to col. 17, l. 2). The cited portion of *Tamai* teaches modulating/demodulating unit 111 receiving a power signal, selecting a signal having a frequency of 2.45 GHz, and extracting a pulse signal from the selected signal. *Tamai* col. 16, l. 64 to col. 17, l. 2. Appellant notes the cited portion of *Tamai* is silent to any form of bundling any form of signal generator settings with a pulse signal and any form of code. Thus, *Tamai* fails to teach "bundling said one or more signal

generator settings with said waveform and said at least one code." Therefore, Appellant respectfully requests the reversal of the rejection.

10. Dependent claim 18

Claim 18 recites "a computer having at least said signal generation application therein, said signal generation application further having an interface capable of receiving at least one of said one or more parameters and said one or more signal generator settings from a user of said computer." The cited art does not meet at least these limitations because *Tamai* fails to teach "an interface capable of receiving at least one of said one or more parameters and said one or more signal generator settings from a user of said computer." The FOA apparently asserts that *Tamai* column 16, line 64 to column 17 line 2 teaches these limitations. *See* FOA p.6 (citing without explanation to *Tamai* col. 16, l. 64 to col. 17, l. 2). The cited portion of *Tamai* teaches modulating/demodulating unit 111 receiving a power signal, selecting a signal having a frequency of 2.45 GHz, and extracting a pulse signal from the selected signal. *Tamai* col. 16, l. 64 to col. 17, l. 2. Appellant notes the cited portion of *Tamai* is silent to any form of interface receiving anything from a user. Further, Appellant is unable to find any aspect of the cited portions of *Tamai* teaching such an interface. Thus, *Tamai* fails to teach "an interface capable of receiving at least one of said one or more parameters and said one or more signal generator settings from a user of said computer." Therefore, Appellant respectfully requests the reversal of the rejection.

11. Dependent claim 19

Claim 19 recites "said one or more signal generator settings are pre-configured and stored on said computer." The cited art does not meet at least these limitations because *Tamai* fails to teach "said one or more signal generator settings are pre-configured." The FOA apparently asserts that *Tamai* column 16, line 64 to column 17 line 2 teaches these limitations. *See* FOA p.6 (citing without explanation to *Tamai* col. 16, l. 64 to col. 17, l. 2). The cited portion of *Tamai* teaches modulating/demodulating unit 111 receiving a power signal, selecting a signal having a frequency of 2.45 GHz, and extracting a pulse signal from the selected signal. *Tamai* col. 16, l. 64 to col. 17, l. 2. Appellant notes the cited portion of *Tamai* is silent to any form settings that are pre-configured. Thus, *Tamai* fails to teach "said one or more signal generator settings are pre-configured." Therefore, Appellant respectfully requests the reversal of the rejection.

B.   Second ground of rejection, under 35 U.S.C. 103(a) over *Tamai* and *Reitmeier*

Claim 9 depends from and inherits all the limitations of claim 1. As discussed above, the cited art does not anticipate claim 1. *Reitmeier* is not relied upon and does not resolve the deficiencies of *Tamai*. Thus, claim 9 is not obvious over the cited art. Therefore, Appellant respectfully requests reversal of the rejection.

Claim 25 depends from and inherits all the limitations of claim 13. As discussed above, the cited art does not anticipate claim 13. *Reitmeier* is not relied upon and does not resolve the deficiencies of *Tamai*. Thus, claim 25 is not obvious over the cited art. Therefore, Appellant respectfully requests reversal of the rejection.

C.   Third ground of rejection, under 35 U.S.C. 103(a) over *Tamai* and *Rajsuman*

Claims 10-12 each depend from and inherit all the limitations of claim 1. As discussed above, the cited art does not anticipate claim 1. *Rajsuman* is not relied upon and does not resolve the deficiencies of *Tamai*. Thus, claims 10-12 are not obvious over the cited art. Therefore, Appellant respectfully requests reversal of the rejection.

D.   Fourth ground of rejection, under 35 U.S.C. 103(a) over *Tamai* and *Rajsuman*

The Examiner bears the initial burden of factually supporting any prima facie conclusion of obviousness. M.P.E.P. § 2142; *In re Peehs*, 612 F.2d 1287, 204 USPQ 835, 837 (CCPA 1980). To support an obviousness rejection, "[u]nder § 103, the scope and content of the prior art are to be determined; differences between the prior art and the claims at issue are to be ascertained; and the level of ordinary skill in the pertinent art resolved." *Graham v. John Deere Co. of Kansas City*, 383 U.S. 1, 15 - 17 (1966). Appellant hereby traverses the rejection.

1.   Independent claim 26

Claim 26 recites "a storage media adapted to store a waveform and at least one code associated with said waveform." The cited art does not meet these limitations because *Tamai* fails to teach "a storage media adapted to store a waveform." The FOA apparently asserts *Tamai* column 15, lines 4-11 and 13-18 teach these limitations. *See* FOA p.2 (quoting without acknowledgement or explanation to the language of *Tamai* col. 15, ll. 13-18, i.e. "the instruction generating unit 104 ... the modulating/demodulating unit 111") and p.10 (citing

without explanation to *Tamai* col. 15, ll. 4-11). The FOA is apparently interpreting *Tamai's* generated pulse signal wave as a waveform being retrieved. Appellant respectfully disagrees and points out that *Tamai* clearly states "instruction generating unit 104 generates a pulse signal wave." *E.g., Tamai* col. 15, ll. 8-9. Thus, while *Tamai* teaches generating a pulse wave signal, it is silent to any form of storage media adapted to store such a pulse signal wave. *Rajsuman* is not relied upon and does not resolve the deficiencies of *Tamai*. Hence, the cited combination fails to teach "a storage media adapted to store a waveform."

Claim 26 recites "a download application configured to retrieve said waveform and at least one key associated with said signal generator." The cited art does not meet these limitations for at least two reasons. First, *Tamai* fails to teach "a download application configured to retrieve said waveform." The FOA apparently asserts that *Tamai* column 15, lines 26-43 and/or column 21, lines 30-42 meets these limitations. *See* FOA p.2 (quoting without acknowledgement or explanation to the language of *Tamai* col. 21, ll. 30-42, i.e. "[t]he comparator 235 ... or collection/recycle stage area, respectively") and p.6 (citing without explanation to *Tamai* col. 15, ll. 26-43). *Tamai* column 15, lines 26-43 teaches generating a pulse signal wave based on an identification code, yet is silent to any form of retrieving a pulse signal wave; and *Tamai* column 21, lines 30-42 teaches matching encrypted random numbers, yet is also silent to any form of retrieving a pulse signal wave. Appellant is unable to find any aspect of the cited portions of *Tamai* teaching retrieving a pulse signal wave. *Rajsuman* is not relied upon and does not resolve the deficiencies of *Tamai*. Hence, the cited combination fails to teach "a download application configured to retrieve said waveform."

Second, the cited art does not meet these limitations because *Tamai* fails to teach a "key associated with said signal generator." The FOA cites to *Tamai* column 15, lines 26-43 as teaching these limitations. FOA p.6 (citing without explanation to *Tamai* col. 15, ll. 26-43). Appellant respectfully points out that *Tamai* column 15, lines 26-43 teaches basing the generation of a pulse signal wave on an authenticator response instruction, an identification code, an encrypted random number, and access information, yet is silent to any form of key. *Tamai's* does teach area keys associated with various areas of memory unit 216 of radio IC tag 80, wherein such areas of memory unit 216 further correspond to various stages of a product's life cycle (e.g., manufacture, distribution, sale, service, collection/recycling). *See*

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Tamai col. 18, ll. 8-46, in conjunction with Fig. 17. However, while *Tamai* teaches area keys associated with portions of memory unit 216 of radio IC tag 80, *Tamai* fails to teach that the area keys are associated with any form of "signal generator" as set forth in the claim. *Rajsuman* is not relied upon and does not resolve the deficiencies of *Tamai*. Hence, the cited combination fails to teach a "key associated with said signal generator."

Claim 26 also recites "a download application configured to … compare said at least one code associated with said waveform and said at least one key." The FOA is apparently asserting that *Tamai* column 15, lines 26-43 and/or column 21, lines 30-42 meets these limitations. *See* FOA p.2 (quoting without acknowledgement or explanation to the language of *Tamai* col. 21, ll. 30-42, i.e. "[t]he comparator 235 … or collection/recycle stage area, respectively") and p.6 (citing without explanation to *Tamai* col. 15, ll. 26-43). The FOA appears to interpret *Tamai's* identification code as meeting the claim's "said at least one code associated with said waveform." *Id.* Even if, *arguendo*, such an interpretation was correct and even *Tamai*'s area keys were interpreted as meeting the claim's "at least one key," the cited art still fails these limitations because *Tamai* fails to teach comparing an identification code with an area key. *Tamai* column 15, lines 26-43 teaches generating a pulse signal wave based on an identification code, yet is silent to any form of comparison; and *Tamai* column 21, lines 30-42 teaches matching encrypted random numbers, yet is silent to comparing an identification code with an area key. Appellant is unable to find any aspect of the cited portions of *Tamai* teaching comparing an identification code with an area key. *Rajsuman* is not relied upon and does not resolve the deficiencies of *Tamai*. Hence, the cited combination fails to teach to "compare said at least one code associated with said waveform and said at least one key."

Claim 26 also recites "a download application configured to … download said waveform to said signal generator under condition that said at least one code matches said at least one key." The cited art does not meet at least these limitations because *Tamai* fails to teach to "download said waveform to said signal generator." The FOA apparently asserts that *Tamai* column 15, lines 26-43 and/or column 21, lines 30-42 meets these limitations. *See* FOA p.2 (quoting without acknowledgement or explanation to the language of *Tamai* col. 21, ll. 30-42, i.e. "[t]he comparator 235 … or collection/recycle stage area, respectively") and p.6 (citing without explanation to *Tamai* col. 15, ll. 26-43). *Tamai* column 15, lines 26-43

teaches generating a pulse signal wave based on an identification code, yet is silent to any form of downloading; and *Tamai* column 21, lines 30-42 teaches matching encrypted random numbers, yet is also silent to any form of downloading. Appellant is unable to find any aspect of the cited portions of *Tamai* teaching downloading a waveform. *Rajsuman* is not relied upon and does not resolve the deficiencies of *Tamai*. Hence, the cited combination fails to teach to "download said waveform to said signal generator."

Thus, the cited art contains differences with respect to the claim. Therefore, Appellant respectfully requests the reversal of the rejection.

Claims 27-28 each depend from and inherit all the limitations of claim 26. As discussed above, the cited art does not anticipate claim 26. *Rajsuman* is not relied upon and does not resolve the deficiencies of *Tamai*. Thus, claims 27-28 are not obvious over the cited art. Therefore, Appellant respectfully requests reversal of the rejection.

VIII. CLAIMS APPENDIX

A copy of the claims involved in the present appeal is attached hereto as Appendix A. As indicated above, the claims in Appendix A include the amendments filed by Appellant on June 26, 2006.

IX. EVIDENCE APPENDIX

No evidence pursuant to §§ 1.130, 1.131, or 1.132 or entered by or relied upon by the examiner is being submitted.

X. RELATED PROCEEDINGS APPENDIX

There are no related proceedings.

Appellant believes no fee is due with this response. However, if a fee is due, please charge our Deposit Account No. **50-1078**, under Order No. 10011298-1 from which the undersigned is authorized to draw.
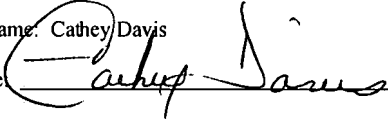
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as Express Mail, Airbill No. EV 255977330 US in an envelope address to: MS Appeal Brief – Patents, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.
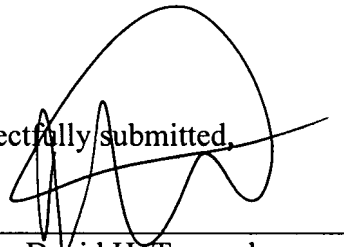
Date of Deposit: July 20, 2007

Typed Name: Cathey Davis

Signature

Respectfully submitted,

By

David H. Tannenbaum
Reg. No.: 24,745
Date: July 20, 2007
Telephone No. (214) 855-8333

APPENDIX A

Claims Involved in the Appeal of Application Serial No. 10/001,581

1.   A waveform customization method for a signal generator, comprising:

retrieving a waveform and at least one code associated with said waveform from a storage media;

retrieving at least one key associated with said signal generator;

comparing said at least one code associated with said waveform and said at least one key; and

downloading said waveform to said signal generator under condition that said at least one code matches said at least one key.

2.   The method of claim 1, further comprising:

bundling said waveform and said at least one code associated with said waveform into a file; and

storing said file containing said waveform and said at least one code associated with said waveform in said storage media.

3.   The method of claim 2, further comprising:

providing one or more parameters that characterize said waveform; and

creating said waveform based on said one or more parameters.

4.   The method of claim 3, further comprising:

providing one or more signal generator settings;

bundling said one or more signal generator settings with said waveform and said at least one code; and

configuring said signal generator using said one more signal generator settings.

5.   The method of claim 4, wherein said steps of providing further comprises:

entering at least one of said one or more parameters and said one or more signal generator settings by a user into a computer that creates said waveform.

6.   the method of claim 5, wherein said step of providing said one or more signal generator settings further comprises:

pre-configuring said one or more signal generator settings; and

storing said one or more pre-configured signal generator settings on said computer.

7.   The method of claim 2, wherein said file is encrypted, and further comprising: decrypting said file after said step of retrieving said waveform.

8.   The method of claim 1, wherein said step of retrieving said at least one key further comprises:

retrieving said at least one key from said signal generator, said at least one key being stored within said signal generator.

9.   The method of claim 1, wherein said waveform is a signal modulated to conform to one of a plurality of communication formats, said signal generator being capable of downloading and transmitting signals modulated to conform to any of the plurality of communication formats, each of the plurality of communication formats having a different one of said at least one code associated therewith.

10.   The method of claim 1, further comprising:

. requesting said waveform be downloaded to said signal generator by an automatic test equipment system.

11.   The method of claim 10, further comprising:

requesting an additional waveform be downloaded to an additional signal generator by said automatic test equipment.

12.   The method of claim 11, wherein said additional waveform is stored within an additional storage media.

13.   A system customizing at least one waveform of a signal generator, comprising:

a storage media adapted to store a waveform and at least one code associated with said waveform; and

a download application configured to retrieve said waveform and at least one key associated with said signal generator, compare said at least one code associated with said

waveform and said at least one key and download said waveform to said signal generator under condition that said at least one code matches said at least one key.

14.   The system of claim 13, further comprising:

a signal generation application configured to bundle said waveform and said at least one code associated with said waveform into a file and store said file in said storage media.

15.   The system of claim 14, wherein said signal generation application is further configured to encrypt said file prior to storing said file in said storage media, said download application being further configured to decrypt said file.

16.   The system of claim 14, wherein said signal generation application is further configured to receive as input one or more parameters that characterize said waveform and create said waveform based on said one or more parameters.

17.   The system of claim 16, wherein said signal generation application is further configured to provide one or more signal generator settings and bundle said one or more signal generator settings with said waveform and said at least one code, said download application being further configured to use said one or more signal generator settings to configure said signal generator.

18.   The method of claim 17, further comprising:

a computer having at least said signal generation application therein, said signal generation application further having an interface capable of receiving at least one of said one or more parameters and said one or more signal generator settings from a user of said computer.

19.   The system of claim 18, wherein said one or more signal generator settings are pre-configured and stored on said computer.

20.   The system of claim 18, wherein said computer further has said storage media and said download application therein.

21.   The system of claim 18, further comprising an additional computer having at least said download application therein.

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22.   the system of claim 21, wherein said computer is operatively connected to said additional computer.

23.   The system of claim 22, wherein said computer is connected to said additional computer via a data network.

24.   The system of claim 13, wherein said at least one key is stored on said signal generator.

25.   The system of claim 13, wherein said waveform is a signal modulated to conform to one of a plurality of communication formats, said signal generator being capable of downloading and transmitting signals modulated to conform to any of the plurality of communication formats, each of the plurality of communication formats having a different one of said at least one code associated therewith.

26.   A system customizing at least one waveform of a signal generator, comprising:

a storage media adapted to store a waveform and at least one code associated with said waveform;

a download application configured to retrieve said waveform and at least one key associated with said signal generator, compare said at least one code associated with said waveform and said at least one key and download said waveform to said signal generator under condition that said at least one code matches said at least one key; and

an automatic test equipment system adapted to request said download application to download said waveform to said signal generator.

27.   The system of claim 26, wherein aid automatic test equipment system is further configured to request an additional waveform be downloaded to an additional signal generator.

28.   The system of claim 27, further comprising:

an additional storage media, said additional waveform being stored within said additional storage media.

APPENDIX B

No evidence pursuant to §§ 1.130, 1.131, or 1.132 or entered by or relied upon by the examiner is being submitted.

APPENDIX C

No related proceedings are referenced in II. above, hence copies of decisions in related proceedings are not provided.